

FIG.1

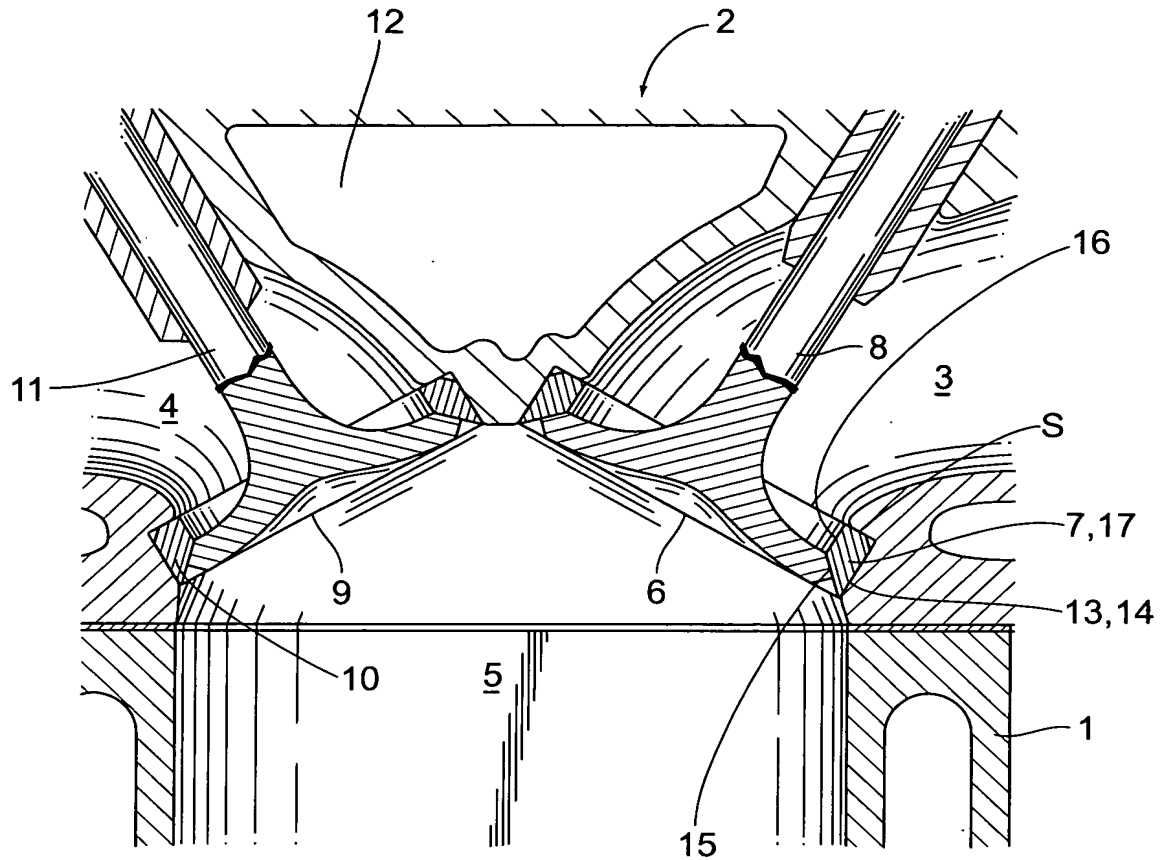


FIG.2

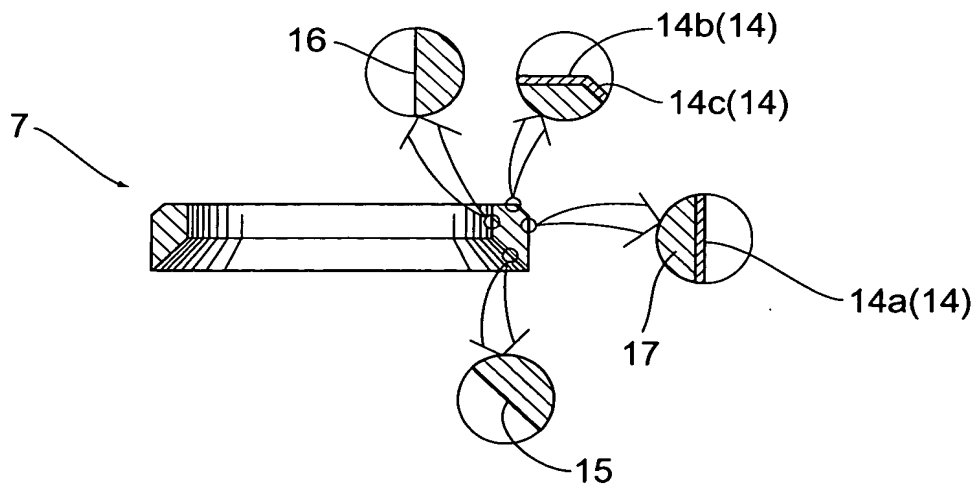


FIG.3

Standard Electrode Potentials of Metals

Metal	Ion	E <sub>H</sub> (V)
K	K <sup>+</sup>	-2.922
Na	Na <sup>++</sup>	-2.713
Be	Be <sup>++</sup>	-1.69
Mg	Mg <sup>++</sup>	-1.55
Al	Al <sup>++</sup>	-1.337
Mn	Mn <sup>++</sup>	-1.000
Zn	Zn <sup>++</sup>	-0.762
Cr	Cr <sup>++</sup>	-0.560
Fe	Fe <sup>++</sup>	-0.426
Cd	Cd <sup>++</sup>	-0.397
Co	Co <sup>++</sup>	-0.278
Ni	Ni <sup>++</sup>	-0.248
Sn	Sn <sup>++</sup>	-0.146
Pb	Pb <sup>++</sup>	-0.132
Hydrogen	H <sup>+</sup>	0.000
Cu	Cu <sup>++</sup>	0.345
Hg	Hg <sup>++</sup>	0.792
Ag	Ag <sup>+</sup>	0.799
Pb	Pb <sup>++</sup>	0.820
Pt	Pt <sup>++++</sup>	0.860
Au	Au <sup>+</sup>	1.500



**FIG.6**

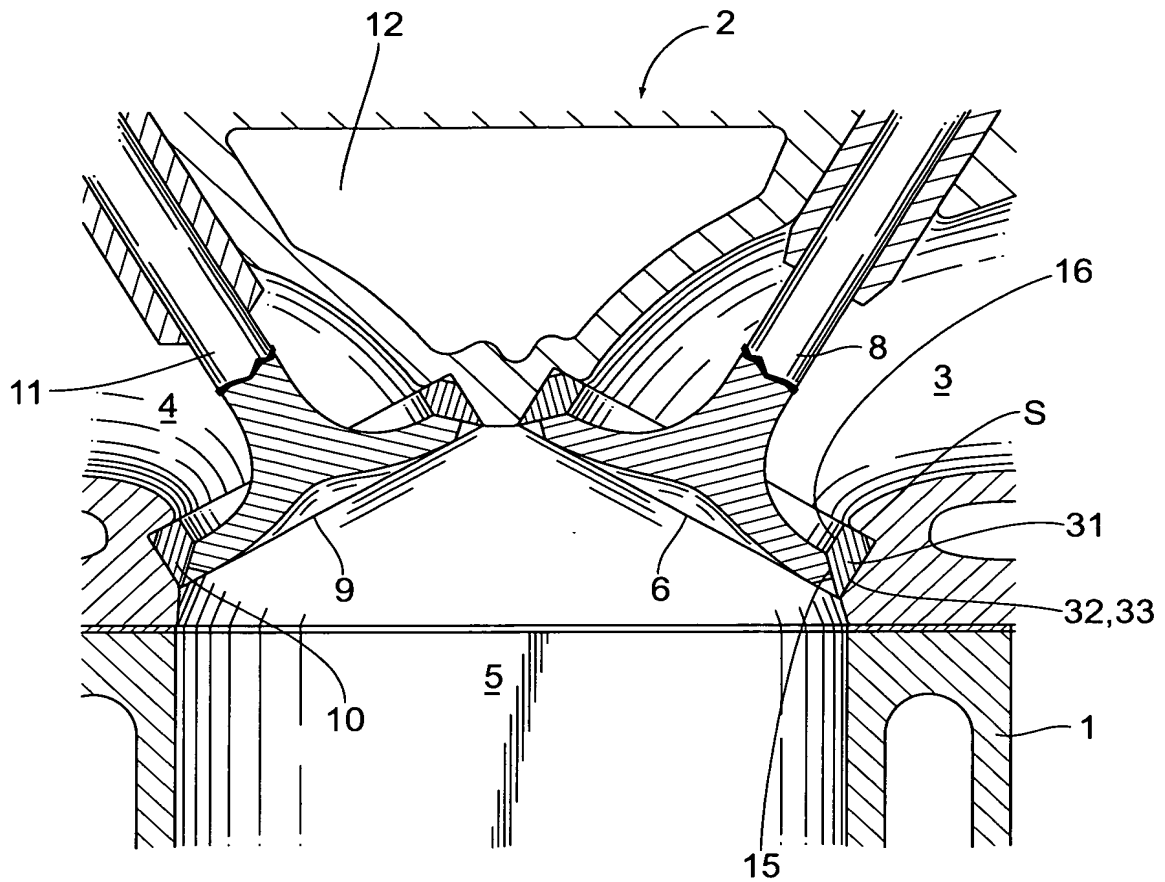


FIG.7

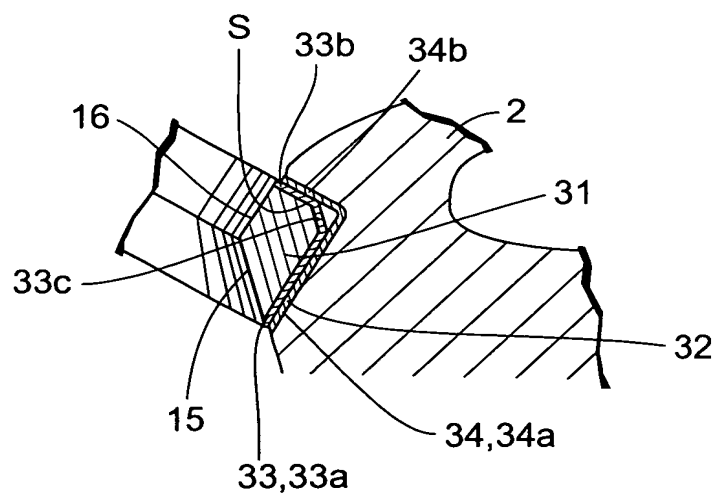






FIG.12

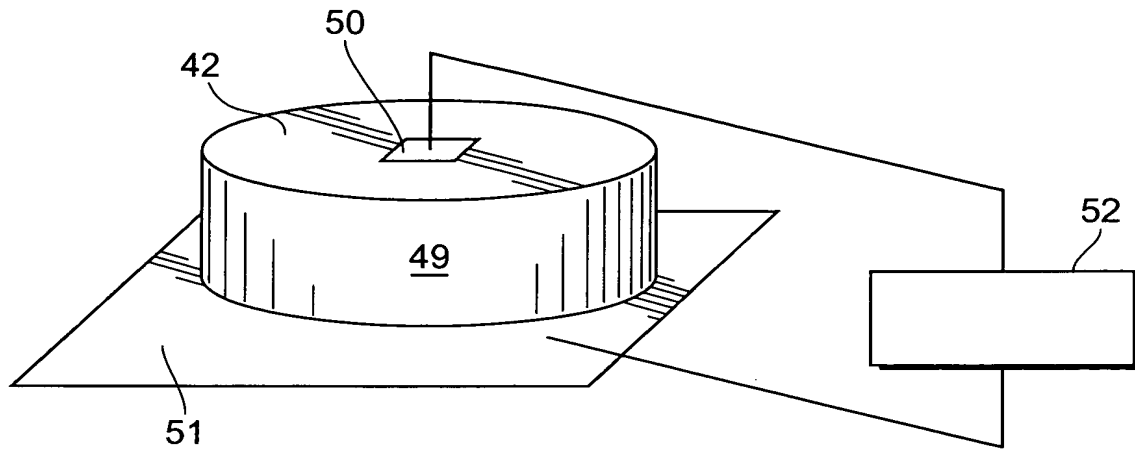


FIG.13

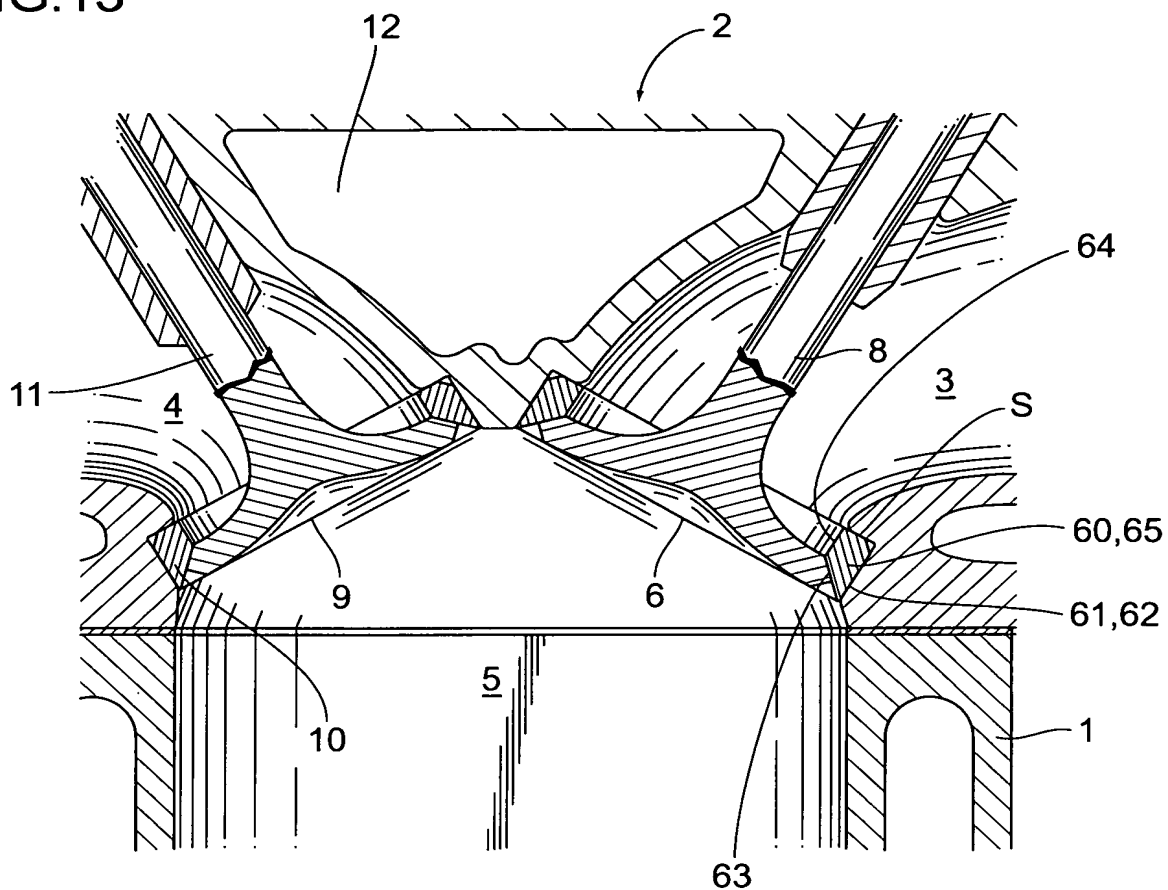


FIG.14

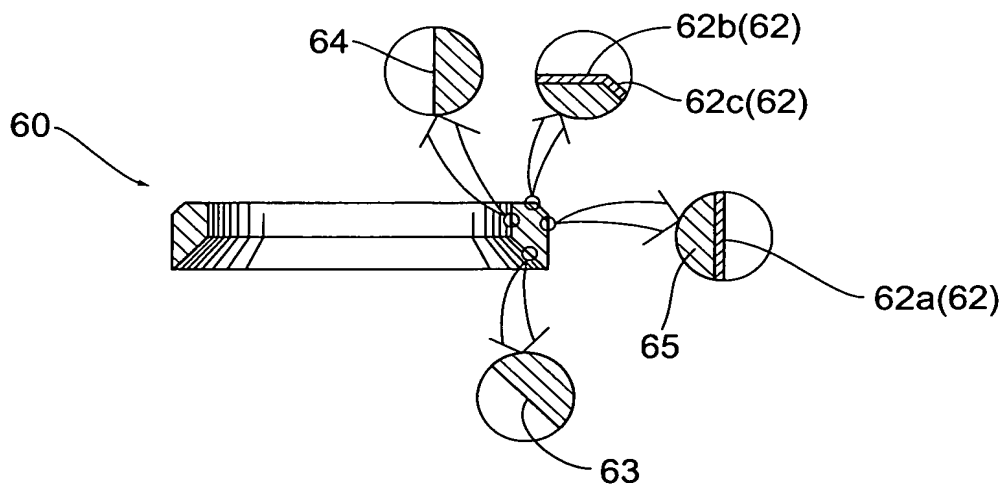




FIG.15

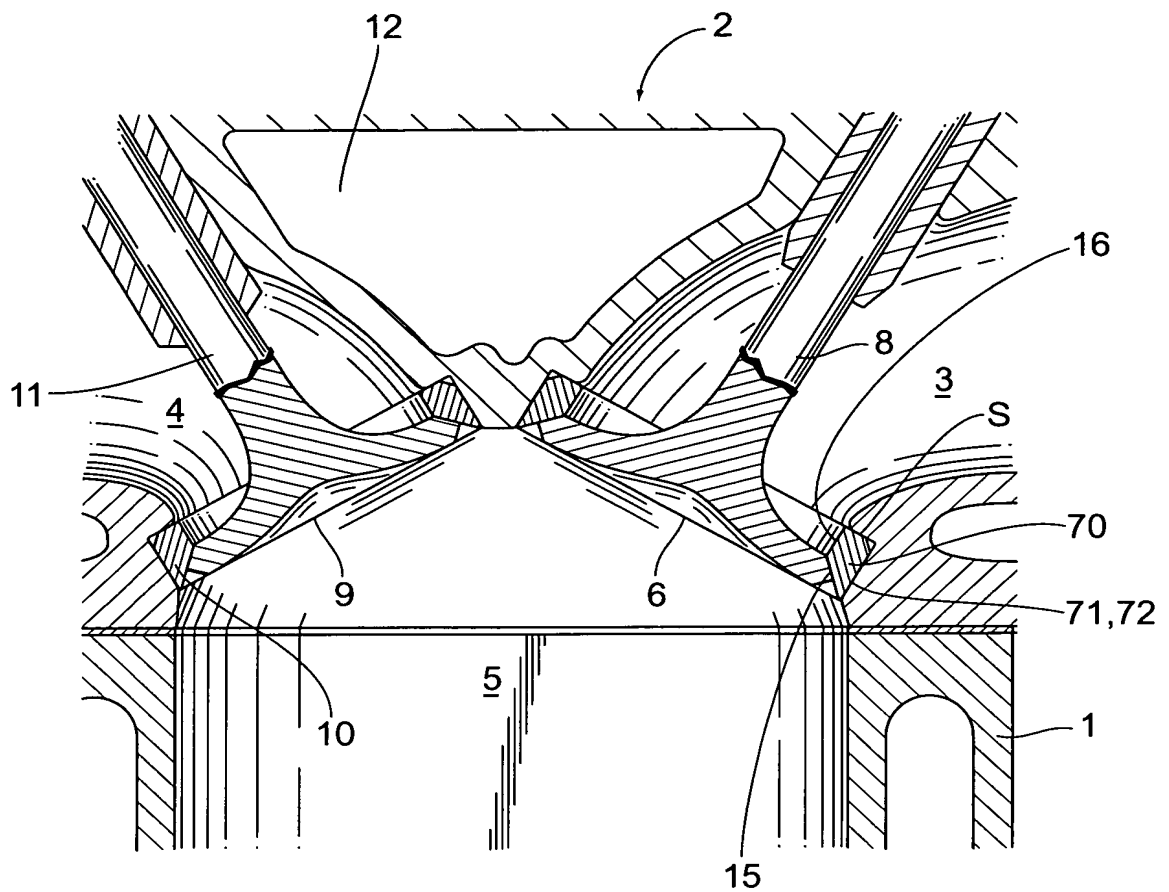


FIG.16

